

**METHOD AND APPARATUS FOR PLACEMENT OF CELLS
IN AN IC DURING FLOORPLAN CREATION**

ABSTRACT OF THE DISCLOSURE

Objects are placed in a rectangle and their
5 coordinates of the objects and are adjusted to
establish a substantially uniform density of objects
in the rectangle. The evaluation of coordinates is
performed by placing the wires between cells
coordinates and adjusting the cell coordinates to
10 connect the cells to the wires. The substantially
uniform density is achieved by dividing the rectangle
into first and second rectangles having equal free
areas and into third and fourth rectangles having
equal areas of objects. The coordinates of the
15 objects are adjusted based on boundaries between the
first and second rectangles and between the third and
fourth rectangles.